

Самарский национальный исследовательский университет имени академика С.П.Королёва

Lista publicațiilor - 14 articole. [Descărcări](#) - 66. [Vizualizări](#) - 13953.

[Publicații la conferințe din RM](#) - [4](#). [Publicații peste hotare](#) - [10](#).

2022 - 1

Writing and reading with the longitudinal component of light using carbazole-containing azopolymer thin films

Porfirev Alexey, Khonina Svetlana, Ivliev Nikolay, Meshalkin Alexei, Akimova Elena, Forbes Andrew

Scientific Reports

Vol. 12, / 2022 / ISSN 2045-2322

Disponibil online 17 March, 2022. [Descărcări](#)-7. [Vizualizări](#)-410

2021 - 3

Characterization of polarization holographic gratings obtained on azopolymer thin films by digital holographic microscopy

Cazac Veronica, Loshmansky Constantin, Akimova Elena, Meshalkin Alexei, Abashkin Vladimir, Podlipnov Vladimir

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Nr. 3(7) / 2021 / ISSN 2411-2844

Disponibil online 18 November, 2021. [Descărcări](#)-2. [Vizualizări](#)-324

Two-step maskless fabrication of compound fork-shaped gratings in nanomultilayer structures based on chalcogenide glasses

Porfirev Alexey, Khonina Svetlana, Meshalkin Alexei, Ivliev Nikolay, Akimova Elena, Abashkin Vladimir, Prisakar Alexandr, Podlipnov Vladimir

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Nr. 13 / 2021 / ISSN 2238-7854

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Two-step maskless fabrication of compound fork-shaped gratings in nanomultilayer structures based on chalcogenide glasses

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Vol. 46, / 2021 / ISSN 0146-9592 / ISSNNe 1539-4794

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2020 - 2

Analysis of diffraction efficiency of phase gratings in dependence of grooves number

Meshalkin Alexei, Loshmansky Constantin, Cazac Veronica, Akimova Elena, Podlipnov Vladimir

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Репродуктивно-продуктивная и адаптивно-продуктовая основы формирования культуры самостоятельной работы студента техникума

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Știință, educație, cultură

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2019 - 4

Analysis of diffraction efficiency of phase gratings in dependence of duty cycle and depth

Meshalkin Alexei, Podlipnov Vladimir, Ustinov A., Akimova Elena

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Investigation of photoinduced formation of microstructures on the surface of a carbazole-containing azopolymer depending on the power density of incident beams

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